Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
FEBRUARY 1984

Summary: Ohio's seasonally-adjusted unemployment rate was estimated at 9.3 percent in February--unchanged from January. The actual number of unemployed dipped from 512,000 to 499,000, lowering the unadjusted jobless rate from 10.3 to 10.1 percent. Total employment slipped .6 percent, to 4,426,000. Nonfarm payroll employment advanced .2 percent, to 4,092,000, with gains reported in manufacturing and services. The factory workweek slipped fractionally.

Factory Employment: Employment in Ohio's manufacturing establishments totaled 1,108,000 in February, .7 percent above January. Recalls boosted employment in the production of motor vehicles, basic steel, household appliances, and plastic products. Employment gains in glassware manufacturing were attributable largely to the reopening of an establishment following a temporary shutdown. Producers of household furniture reported seasonal business increases. Layoffs, however, were reported among several food processing industries.

Nonmanufacturing Employment: Nonmanufacturing industries in February employed 2,984,000 workers, on par with the previous month. Retailing dropped seasonally, with much of the decrease reported among department, apparel, and food stores. Construction slipped to its winter low as inclement weather hampered outdoor activities. Losses, however, were countered by a seasonal upturn among public and private schools and colleges.

Hours and Earnings: Average weekly earnings of Ohio's factory production workers slipped $1.50 from January, to $459 in February. The average workweek also dipped slightly, to 42.4 hours. Producers of motor vehicles and automotive hardware reported overtime curtailments in February. Overtime reductions also lowered earnings in petroleum refining, paper production, and meat processing. Stepped-up overtime, on the other hand, was reported by producers of household appliances and electrical industrial apparatus. Longer scheduled workweeks boosted weekly averages in the production of pottery.

Over the Year: Between February 1983 and February 1984, Ohio's seasonally adjusted jobless rate dropped from 13.6 percent to 9.3 percent of the civilian labor force. Total unemployment decreased by some 212,000 over the year. Total employment advanced 5.3 percent, while nonfarm wage and salary employment rose 3.3 percent. Durable-goods industries--notably, transportation equipment, primary metals, and metal fabricating--accounted for nearly four-fifths of the gain in factory employment (up 77,000 from a year ago). Spurred by gains in services, retailing, and construction, nonmanufacturing expanded by nearly two percent (52,000 jobs) over the year. Factory production workers averaged two full hours more per week in February 1984 than in February 1983, with gross weekly earnings up by nearly $40.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm establishments in Akron employed 245,100 wage and salary workers in February, up 2,000 from January. Manufacturing expanded by 400, to 66,500. A seasonal rebound in education and expansion in services lifted nonmanufacturing despite shrinkage in retail trade. Production workers in factories grossed $10.78 per hour for a workweek of 44.0 hours in February--fractionally above the previous month's averages.

Canton.--Canton's nonfarm payroll employment advanced by 500 in February, to 143,800. Primary metals accounted for most of the 300 increase in manufacturing, to 45,000 in February. In nonmanufacturing, gains in education were moderated by the seasonal decline in retailing. Hourly earnings of factory production workers slipped 3¢ from January, to $10.82 in February, although the average workweek was lengthened by .3 hours, to 40.7 hours.

Cincinnati.--Nonfarm wage and salary employment in Cincinnati totaled 571,900 in February, down 1,200 from the previous month. The loss occurred in nonmanufacturing, as the seasonal slump in retailing and cutbacks in construction were only partially offset by gains in services. Total manufacturing held constant at 143,200. Production workers in factories averaged $10.37 per hour for a workweek of 41.6 hours, slightly below January.

Cleveland.--Nonfarm payroll employment in Cleveland decreased 400 from January, to 818,600 in February. Declines in retail trade and construction were only partially offset by seasonal upturns in services and public schools. Factory employment, at 211,600, was unchanged from January. Production workers in manufacturing industries averaged $10.72 per hour for a workweek of 42.2 hours in February, up 2¢ and .3 hours from January.

Columbus.--Nonagricultural industries in the Columbus area employed 504,500 workers in February, up 700 from the previous month. Small-to-moderate gains were reported in most durable-goods industries, boosting manufacturing to 86,900, up 700 from January. Curtailed overtime in hard goods production lowered the average workweek for manufacturing production workers by .9 hours, to 40.3 hours. Their average hourly earnings dipped 10¢, to $10.23 in February.

Dayton.--Dayton's nonagricultural payroll employment held steady from January, at 339,400. Manufacturing workers numbered 90,800, up 300 from the previous month. In nonmanufacturing, seasonal shrinkage in retailing and construction was tempered by gains in services. Factory production workers averaged 43.1 hours per week in February, fractionally below the previous month. Earnings were unchanged, at $11.07 per hour.

Toledo.--Nonagricultural wage and salary employment in Toledo totaled 285,700 in February, up 1,400 from the previous month. Improvement in both durable and nondurable goods lifted total manufacturing by 1,000, to 75,600. Mixed seasonal patterns netted a slight increase in nonmanufacturing. Production workers in factories grossed $11.98 per hour for a workweek of 43.6 hours, up 6¢ and half an hour from January averages.

Youngstown-Warren.--Nonfarm wage and salary employment in the Youngstown-Warren area totaled 178,600 in February, 300 above the January level. The seasonal rebound in education, moderated by shrinkage in retailing, was responsible for the gain. Factory employment was unchanged, at 55,800. Production workers in manufacturing industries averaged 43.9 hours per week at $12.76 per hour, down .8 hours and 13¢ from January.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-23-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
February.	238.5	139.2	557.6	807.8	485.1	327.6	272.6	169.4
March ...	239.8	140.4	563.2	812.4	488.3	330.4	271.9	174.1
April ...	242.5	141.9	570.6	818.0	495.0	332.4	276.2	176.4
May	246.0	143.8	575.3	825.5	499.7	334.8	281.8	178.7
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.1	143.8	571.9	818.6	504.5	339.4	285.7	178.6
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.9	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	86.6	58.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	229.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
February.	64.0	42.2	137.5	204.7	81.9	83.2	65.4	48.8
March ...	64.1	42.5	138.3	205.5	82.2	83.8	63.2	52.1
April ...	64.7	42.5	139.7	205.1	82.8	84.5	65.8	52.6
May	64.7	43.3	139.0	206.1	83.2	85.3	67.8	52.9
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	45.0	143.2	211.6	86.9	90.8	75.6	55.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

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MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978[k]	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
February.	34.5	29.4	89.1	128.7	52.2	52.4	42.8	35.1
March ...	34.6	29.7	89.8	129.4	52.4	52.9	40.7	38.0
April ...	35.2	29.7	90.9	129.6	53.2	53.5	43.7	38.6
May	35.3	30.4	90.5	130.8	53.5	54.2	45.7	39.0
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	32.0	95.4	136.6	57.3	59.2	54.2	42.4
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
February.	42.5	38.6	40.4	39.8	40.0	40.2	41.6	40.6
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	44.0	40.7	41.6	42.2	40.3	43.1	43.6	43.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties. [k]Not comparable to prior data due to change in sample composition.

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.35	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.99	11.62
1982	9.89	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
February.	10.21	10.62	9.93	10.28	9.70	10.23	11.12	12.22
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.78	10.82	10.37	10.72	10.23	11.07	11.48	12.76
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.89	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
February.	433.93	409.93	401.17	409.14	388.00	411.25	462.59	496.13
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.83	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	474.32	440.37	431.39	452.38	412.27	477.12	500.53	560.16

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
	AKRON[b]					CANTON[c]			
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	305.8	269.4	36.4	11.9	1982	192.5	165.1	27.4	14.3
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
January	293.3	248.9	44.5	15.2	January ...	184.0	150.6	33.4	18.1
February ...	293.2	250.8	42.3	14.4	February ..	183.2	150.7	32.4	17.7
March	297.5	257.2	40.3	13.5	March	186.0	155.0	31.0	16.7
April	302.4	263.4	39.0	12.9	April	188.0	158.3	29.8	15.8
May	307.6	267.7	40.0	13.0	May	191.0	160.7	30.3	15.8
June	307.6	268.8	38.8	12.6	June	192.7	163.9	28.7	14.9
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September ..	305.1	271.4	33.7	11.1	September..	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October ...	189.2	164.6	24.6	13.0
November ...	309.7	274.2	35.5	11.5	November ..	189.5	164.4	25.1	13.2
December ...	304.9	270.4	34.6	11.3	December ..	186.0	162.4	23.6	12.7
1984					1984				
January[p] ...	297.9	264.6	33.3	11.2	January[p] ..	182.2	159.7	22.5	12.4
	CINCINNATI[d]					CLEVELAND[e]			
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.7	833.8	100.0	10.7
1983[j]	681.6	611.5	70.2	10.3	1983	930.7	824.7	105.9	11.4
1983[j]					1983				
January	661.5	580.1	81.3	12.3	January ...	897.7	779.3	118.4	13.2
February ...	655.9	577.2	78.7	12.0	February ..	896.8	780.5	116.3	13.0
March	667.8	590.2	77.6	11.6	March	915.6	800.5	115.1	12.6
April	674.9	604.1	70.8	10.5	April	923.4	813.9	109.5	11.9
May	683.3	609.9	73.4	10.7	May	935.9	822.2	113.8	12.2
June	694.4	620.1	74.3	10.7	June	962.0	845.0	117.0	12.2
July	697.9	632.7	65.2	9.3	July	966.5	867.1	99.3	10.3
August	693.0	629.8	63.2	9.1	August	955.0	857.0	98.0	10.3
September ..	683.3	616.6	66.7	9.8	September .	925.8	826.4	99.4	10.7
October	689.6	627.2	62.4	9.0	October ...	936.6	840.1	96.6	10.3
November ...	693.6	628.0	65.6	9.5	November ..	935.3	836.6	98.7	10.6
December ...	684.5	621.8	62.7	9.2	December ..	917.5	828.3	89.3	9.7
1984					1984				
January ...	INA	INA	INA	INA	January[p] ..	900.7	816.7	83.9	9.3

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [j]1983 estimates for the Cincinnati area are preliminary. 1983 estimates for the other metropolitan areas have been revised to a March 1983 benchmark. [p]Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
COLUMBUS[f]				
1973	485.5	468.3	17.1	3.5
1974	495.4	475.5	19.9	4.0
1975	495.0	458.6	36.5	7.4
1976	503.6	468.5	35.1	7.0
1977	513.4	483.3	30.1	5.9
1978	531.4	506.5	24.9	4.7
1979	543.0	517.1	25.8	4.8
1980	554.7	523.4	31.4	5.7
1981	562.4	519.1	43.3	7.7
1982	568.8	518.0	50.8	8.9
1983	579.1	527.4	51.7	8.9
1983				
January	548.8	493.6	55.2	10.1
February	548.1	494.3	53.8	9.8
March	561.7	508.1	53.6	9.5
April	572.6	520.1	52.5	9.2
May	580.0	526.2	53.7	9.3
June	594.3	537.2	57.1	9.6
July	599.8	549.2	50.7	8.4
August	591.8	544.6	47.2	8.0
September	577.9	528.9	49.0	8.5
October	594.3	545.1	49.2	8.3
November	594.7	544.2	50.5	8.5
December	585.3	537.9	47.4	8.1
1984				
January[p]	575.6	530.1	45.6	7.9
TOLEDO[h]				
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.8	319.4	28.4	8.2
1977	355.0	329.4	25.6	7.2
1978	362.1	339.7	22.4	6.2
1979	368.2	341.7	26.4	7.2
1980	368.2	329.8	38.4	10.4
1981	367.4	328.0	39.4	10.7
1982	368.7	322.7	46.1	12.5
1983[k]	375.1	327.9	47.1	12.6
1983[k]				
January	359.5	307.3	52.2	14.5
February	360.3	306.6	53.7	14.9
March	366.0	311.0	55.0	15.0
April	368.7	320.7	47.9	13.0
May	379.0	328.3	50.7	13.4
June	381.1	332.5	48.6	12.8
July	383.8	339.3	44.5	11.6
August	381.5	337.3	44.2	11.6
September	377.7	334.7	43.0	11.4
October	382.5	340.7	41.8	10.9
November	383.8	339.9	43.9	11.4
December	376.8	337.0	39.8	10.6
1984				
January	INA	INA	INA	INA

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
DAYTON[g]				
1973	358.0	343.5	14.5	4.1
1974	359.5	342.5	17.0	4.7
1975	357.6	327.7	29.9	8.4
1976	360.5	336.3	24.2	6.7
1977	368.6	348.3	[illegible]	5.5
1978	381.1	363.7	[illegible]	4.6
1979	392.2	367.9	[illegible]	6.2
1980	390.2	361.0	29.2	7.5
1981	390.8	357.9	32.8	8.4
1982	391.1	347.0	44.2	11.3
1983	390.6	350.7	39.9	10.2
1983				
January	378.8	331.0	47.8	12.6
February	377.5	331.3	46.2	12.2
March	385.1	341.0	44.1	11.5
April	388.6	346.5	42.0	10.8
May	391.3	349.9	41.4	10.6
June	400.1	356.8	43.2	10.8
July	400.0	362.6	37.4	9.4
August	396.5	359.4	37.1	9.3
September	389.5	353.7	35.7	9.2
October	395.4	360.8	34.7	8.8
November	396.8	360.3	36.5	9.2
December	388.0	355.5	32.5	8.4
1984				
January[p]	385.2	353.3	31.9	8.3
YOUNGSTOWN-WARREN[i]				
1973	232.5	221.8	10.8	4.6
1974	236.7	223.7	13.0	5.5
1975	236.7	209.8	26.9	11.4
1976	234.2	210.5	23.7	10.1
1977	234.0	215.0	19.0	8.1
1978	235.2	217.5	17.7	7.5
1979	237.1	219.9	17.1	7.2
1980	238.9	210.5	28.4	11.9
1981	234.0	205.7	28.2	12.1
1982	237.7	191.5	46.2	19.4
1983	227.3	189.6	37.8	16.6
1983				
January	222.2	173.9	48.3	21.7
February	219.7	174.8	44.9	20.5
March	224.7	183.1	41.6	18.5
April	226.8	187.5	39.3	17.3
May	230.7	190.3	40.4	17.5
June	233.8	193.5	40.3	17.2
July	233.4	199.5	33.9	14.5
August	232.6	196.2	36.4	15.6
September	226.7	193.1	33.6	14.8
October	227.0	195.5	31.5	13.9
November	227.9	195.2	32.7	14.4
December	222.4	192.2	30.2	13.6
1984				
January[p]	217.8	189.2	28.6	13.1

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties. [k]1983 estimates for the Toledo area are preliminary. 1983 estimates for the other metropolitan areas have been revised to a March 1983 benchmark. [p]Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
February.	4,913	4,202	711	14.5	11.3
March ...	5,015	4,329	686	13.7	10.8
April ...	5,076	4,425	651	12.8	10.0
May	5,153	4,491	663	12.9	9.8
June	5,253	4,583	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,212.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
February.	3,962.7	1,030.8	2,931.9
March ...	3,995.3	1,039.3	2,956.0
April ...	4,041.8	1,047.6	2,994.2
May	4,088.7	1,054.8	3,033.9
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,091.8	1,108.2	2,983.6

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	850.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
February.	25.6	103.6	193.5	215.5	670.5	205.2	849.5	668.5
March ...	25.2	109.3	194.6	216.6	677.4	205.9	856.1	671.0
April ...	25.2	116.1	196.9	218.2	694.4	207.2	868.7	667.7
May	25.6	126.4	199.1	219.5	705.9	208.7	877.5	671.3
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.8	111.5	192.7	217.5	682.8	210.3	875.1	667.0

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
February.	1,030.8	695.8	334.9	684.9	287.2	27.7
March ...	1,039.3	703.2	336.1	692.5	293.8	28.3
April ...	1,047.6	710.1	337.4	702.1	301.6	28.9
May	1,054.8	716.2	338.6	709.8	306.6	29.2
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	757.2	351.0	765.7	351.6	32.5

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
February.	419.35	433.76	386.72	40.4	40.5	40.2	10.38	10.71	9.62
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	415.23	42.4	42.7	41.9	10.83	11.21	9.91

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
February.	49.7	99.5	126.3	151.6	88.3	123.6	62.4	62.0	78.2
March ...	50.2	102.8	126.6	151.3	88.0	126.3	62.7	62.4	78.7
April ...	51.7	103.1	127.6	151.5	89.5	127.7	62.6	62.2	79.8
May	52.1	103.4	128.5	152.4	89.6	130.2	62.6	62.3	80.6
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.5	111.3	138.1	157.0	92.8	141.4	64.0	62.8	88.6
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
February.	381.35	500.47	433.78	405.38	379.20	529.44	384.87	362.36	397.57
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	419.92	532.93	484.44	470.45	419.92	566.79	412.44	389.13	424.86

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	4091.8	4083.3	3962.7	.2	3.3
MANUFACTURING	1108.2	1101.0	1030.8	.7	7.5
Durable Goods[e]	757.2	750.4	695.8	.9	8.8
Lumber and wood products	14.8	14.6	12.2	1.0	21.3
Furniture and fixtures	14.3	14.0	12.6	2.4	13.5
Household furniture	6.7	6.4	5.8	5.9	16.7
Stone, clay, and glass products	53.5	52.9	49.7	1.2	7.5
Glass and glassware, pressed or blown	14.3	13.8	13.8	3.9	3.8
Structural clay products	4.1	4.3	4.2	- 3.9	- 2.5
Pottery and related products	5.4	5.4	5.2	- .4	4.6
Primary metal industries	111.3	110.6	99.5	.6	11.8
Blast furnace and basic steel products	55.3	54.6	48.9	1.2	13.1
Iron and steel foundries	22.3	22.1	19.9	1.0	12.4
Nonferrous rolling and drawing	18.8	19.0	17.5	- .7	7.6
Nonferrous foundries	9.0	9.1	7.8	- .9	15.1
Fabricated metal products	138.1	137.7	126.3	.3	9.3
Cutlery, hand tools, and hardware	11.2	11.2	10.6	- .5	5.1
Plumbing and heating, except electric	4.8	4.8	4.4	.7	7.9
Fabricated structural metal products	28.8	28.8	27.8	.3	3.7
Screw machine products, bolts, etc.	8.8	8.9	8.2	- .5	7.3
Metal forgings and stampings	42.9	43.0	37.1	- .2	15.5
Machinery, except electrical	157.0	156.6	151.6	.3	3.6
Construction and related machinery	15.5	15.7	16.7	- 1.1	- 7.0
Metalworking machinery	38.6	38.5	38.8	.3	- .6
Special industry machinery	16.2	16.0	16.0	.7	1.0
General industrial machinery	30.9	30.7	28.8	.5	7.3
Electric and electronic equipment	92.8	91.8	88.3	1.0	5.1
Electrical industrial apparatus	18.9	18.8	18.8	.5	.3
Household appliances	16.7	16.1	15.5	3.2	7.6
Electric lighting and wiring equipment	18.3	18.3	17.8	.4	3.2
Communication equipment	10.0	9.9	10.1	.3	- 1.8
Transportation equipment	141.4	138.4	123.6	2.2	14.4
Motor vehicles and equipment	95.2	92.4	80.2	3.0	18.7
Aircraft and parts	37.9	37.8	35.6	.3	6.5
Instruments and related products	21.4	21.4	19.8	- .2	7.9
Measuring and controlling devices	12.6	12.6	11.6	- .5	7.8
Nondurable Goods[f]	351.0	350.5	334.9	.1	4.8
Food and kindred products	64.0	64.5	62.4	- .8	2.6
Meat products	10.1	10.3	9.4	- 1.1	7.9
Dairy products	10.3	10.2	10.3	1.4	.6
Bakery products	9.7	9.7	9.6	- .2	1.2
Beverages	10.3	10.5	10.3	- 1.9	.3
Textile mill products	4.7	4.7	4.3	- .9	9.6
Apparel and other textile products	16.9	17.1	15.6	- .9	8.5
Paper and allied products	35.4	35.2	34.5	.5	2.4
Paper mills, except building paper	9.5	9.4	9.0	.4	4.6
Misc. converted paper products	11.5	11.4	11.1	.6	2.9
Paperboard containers and boxes	11.5	11.4	11.3	.9	2.2
Printing and publishing	62.8	62.8	62.0	.0	1.2
Newspapers	18.0	18.0	17.9	- .2	.3
Commercial printing	23.0	23.1	22.6	- .4	1.5
Chemicals and allied products	64.2	64.0	63.8	.2	.6
Industrial inorganic chemicals	11.4	11.3	12.0	1.2	- 4.5
Plastics materials and synthetics	8.9	8.9	8.8	.1	.5
Petroleum and coal products	9.4	9.4	8.7	- .5	7.4
Rubber and misc. plastics products	88.6	87.9	78.2	.8	13.2
Tires and inner tubes	20.3	20.2	20.2	.1	.4
Miscellaneous plastics products	47.4	46.8	39.5	1.3	19.9
Leather and leather products	5.0	4.8	5.2	4.1	- 4.1

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$459.19	$460.70	$419.35	42.4	42.5	40.4	$10.83	$10.84	$10.38
Durable Goods[d]	478.67	479.52	433.76	42.7	42.7	40.5	11.21	11.23	10.71
Lumber and wood products	287.39	289.73	295.32	39.1	39.1	39.8	7.35	7.41	7.42
Furniture and fixtures	322.51	321.44	306.92	41.4	41.0	39.5	7.79	7.84	7.77
Household furniture	275.52	275.02	270.44	39.7	38.9	38.8	6.94	7.07	6.97
Stone, clay, and glass products	419.92	419.33	381.35	41.7	41.6	40.1	10.07	10.08	9.51
Glass and glassware, pressed or blown	431.98	431.07	395.69	40.6	40.4	39.1	10.64	10.67	10.12
Structural clay products	304.14	296.94	271.13	41.1	40.4	38.9	7.40	7.35	6.97
Pottery and related products	340.07	327.87	302.81	38.6	37.3	37.2	8.81	8.79	8.14
Primary metal industries	532.93	525.39	500.47	42.6	42.2	39.5	12.51	12.45	12.67
Blast furnace and basic steel products	534.52	525.21	525.42	41.5	41.0	37.8	12.88	12.81	13.90
Iron and steel foundries	541.01	529.39	479.08	43.7	42.9	40.6	12.38	12.34	11.80
Nonferrous rolling and drawing	579.79	579.42	515.43	43.3	43.5	41.4	13.39	13.32	12.45
Nonferrous foundries	432.90	427.20	380.64	45.0	44.5	41.6	9.62	9.60	9.15
Fabricated metal products	484.44	486.86	433.70	43.1	43.2	41.0	11.24	11.27	10.58
Cutlery, hand tools, and hardware	496.17	515.39	426.97	41.8	42.7	39.1	11.87	12.07	10.92
Plumbing and heating, except electric	375.56	373.73	341.38	41.0	40.8	38.4	9.16	9.16	8.89
Fabricated structural metal products	412.17	421.42	413.34	41.3	42.1	41.5	9.98	10.01	9.96
Screw machine products, bolts, etc.	423.36	416.55	359.46	44.1	43.3	39.2	9.60	9.62	9.17
Metal forgings and stampings	593.97	598.87	509.16	45.1	45.3	41.7	13.17	13.22	12.21
Machinery, except electrical	470.45	468.27	405.38	43.2	43.0	39.3	10.89	10.89	10.16
Construction and related machinery	423.46	422.26	380.93	40.1	39.5	37.2	10.56	10.69	10.24
Metalworking machinery	438.04	436.58	400.30	42.2	42.1	39.4	10.38	10.37	10.16
Special industry machinery	442.98	437.33	392.23	42.8	42.5	40.9	10.35	10.29	9.59
General industrial machinery	463.49	465.55	401.94	42.6	42.4	39.6	10.88	10.98	10.15
Electric and electronic equipment	419.92	409.59	379.20	41.7	41.0	40.0	10.07	9.99	9.48
Electrical industrial apparatus	394.28	377.39	351.59	40.9	39.6	38.3	9.64	9.53	9.18
Household appliances	461.17	429.32	399.59	43.1	41.4	40.2	10.70	10.37	9.94
Electric lighting and wiring equipment	401.85	402.78	374.51	41.3	41.1	41.2	9.73	9.80	9.09
Communication equipment	432.89	430.03	420.21	40.8	40.8	40.6	10.61	10.54	10.35
Transportation equipment	566.79	585.09	529.44	43.7	44.8	42.8	12.97	13.06	12.37
Motor vehicles and equipment	592.74	611.07	552.48	44.4	45.5	43.4	13.35	13.43	12.73
Aircraft and parts	500.82	515.82	481.95	41.7	42.7	41.8	12.01	12.08	11.53
Instruments and related products	328.84	323.60	295.54	40.9	40.5	39.3	8.04	7.99	7.52
Measuring and controlling devices	331.64	323.99	293.67	41.3	40.6	39.0	8.03	7.98	7.53
Nondurable Goods[e]	415.23	418.05	386.72	41.9	42.1	40.2	9.91	9.93	9.62
Food and kindred products	412.44	409.64	384.87	42.0	41.8	40.3	9.82	9.80	9.55
Meat products	382.59	391.40	381.79	40.4	41.2	38.8	9.47	9.50	9.84
Dairy products	407.46	424.86	381.49	42.8	43.8	42.2	9.52	9.70	9.04
Bakery products	427.28	442.66	393.03	40.5	41.8	39.5	10.55	10.59	9.95
Beverages	363.66	358.66	335.66	39.4	38.4	38.1	9.23	9.34	8.81
Textile mill products	322.56	322.14	280.68	42.0	42.0	39.7	7.68	7.67	7.07
Apparel and other textile products	250.26	248.20	222.38	38.8	38.6	36.1	6.45	6.43	6.16
Paper and allied products	441.67	449.90	406.08	44.3	44.9	43.2	9.97	10.02	9.40
Paper mills, except building paper	543.12	565.18	495.73	46.5	48.1	46.2	11.68	11.75	10.73
Misc. converted paper products	394.07	395.37	361.20	43.4	43.4	42.0	9.08	9.11	8.60
Paperboard containers and boxes	395.23	402.52	364.32	43.1	43.8	41.4	9.17	9.19	8.80
Printing and publishing	389.13	391.40	362.36	38.3	38.6	36.9	10.16	10.14	9.82
Newspapers	321.09	320.10	309.87	33.0	33.0	31.3	9.73	9.70	9.90
Commercial printing	409.42	418.18	370.82	40.1	40.6	37.8	10.21	10.30	9.81
Chemicals and allied products	472.21	474.89	434.52	41.9	42.1	40.8	11.27	11.28	10.65
Industrial inorganic chemicals	516.06	511.04	468.65	42.3	42.2	41.4	12.20	12.11	11.32
Plastics materials and synthetics	533.08	542.25	471.58	45.1	45.0	42.6	11.82	12.05	11.07
Petroleum and coal products	599.24	622.84	607.62	42.2	43.8	42.7	14.20	14.22	14.23
Rubber and misc. plastics products	424.86	429.44	397.57	43.8	44.0	41.5	9.70	9.76	9.58
Tires and inner tubes	576.38	576.83	533.95	45.1	45.1	43.2	12.78	12.79	12.36
Miscellaneous plastics products	414.64	420.20	380.78	43.6	44.0	40.9	9.51	9.55	9.31
Leather and leather products	201.93	201.46	197.65	38.1	38.3	36.2	5.30	5.26	5.46

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
FEBRUARY 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
NONMANUFACTURING	2983.6	2982.3	2931.9	.0	1.8
MINING	26.8	27.0	25.6	- .7	4.7
Bituminous coal and lignite mining	11.7	11.9	10.8	- 1.6	8.6
CONSTRUCTION	111.5	115.0	103.6	- 3.0	7.6
General building contractors	28.7	29.3	25.5	- 2.4	12.1
Heavy construction contractors	13.8	14.7	13.2	- 6.7	4.3
TRANSPORTATION AND PUBLIC UTILITIES	192.7	193.1	193.5	- .2	- .4
Railroad transportation	16.9	17.4	18.0	- 3.0	- 6.0
Transportation, except railroads	83.7	83.0	81.2	.7	3.1
Trucking and warehousing	60.1	59.2	59.1	1.5	1.8
Communication, electric, gas services	92.2	92.7	94.4	- .5	- 2.3
Communication	52.5	52.7	54.0	- .2	- 2.7
Electric, gas, and sanitary services	39.6	40.0	40.3	- 1.0	- 1.7
WHOLESALE TRADE	217.5	218.3	215.5	- .4	.9
Wholesale trade-durable goods	136.3	136.8	135.0	- .4	1.0
Motor vehicles & automotive equipment	19.9	20.0	19.8	- .7	.6
Electrical goods	18.3	18.4	18.3	- .3	.1
Machinery, equipment, and supplies	57.5	57.6	57.0	- .2	.9
Wholesale trade-nondurable goods	81.2	81.6	80.5	- .4	.9
Groceries and related products	25.6	25.7	25.1	- .3	1.7
RETAIL TRADE	682.8	693.6	670.5	- 1.6	1.8
General merchandise stores	107.1	112.9	106.3	- 5.2	.8
Department stores	98.8	104.3	97.7	- 5.3	1.1
Food stores	116.2	117.4	113.6	- 1.0	2.3
Automotive dealers & service stations	73.1	73.3	72.8	- .2	.4
Apparel and accessory stores	32.6	33.5	32.6	- 2.7	.1
FINANCE, INSURANCE, AND REAL ESTATE	210.3	210.8	205.2	- .2	2.5
Banking	57.8	58.0	58.7	- .5	- 1.5
Credit agencies other than banks	31.8	31.8	30.4	.0	4.8
Insurance carriers	59.3	59.4	58.9	- .1	.6
SERVICES	875.1	868.3	849.5	.8	3.0
Hotels and other lodging places	27.5	27.2	27.0	.9	1.8
Laundry, cleaning, & garment services	16.0	16.2	16.0	- .9	.5
Business services	130.0	129.1	122.1	.7	6.4
Health services	325.3	325.0	314.9	.1	3.3
Hospitals	177.9	177.7	173.8	.1	2.4
GOVERNMENT	667.0	656.3	668.5	1.6	- .2
Federal government	89.2	89.0	87.7	.2	1.6
State government	143.0	137.1	146.1	4.3	- 2.1
State government, except education	68.8	68.9	70.7	- .1	- 2.7
State government education[i]	74.2	68.3	75.3	8.8	- 1.5
Local government	434.8	430.2	434.7	1.1	.0
Local government, except education	177.7	178.5	178.6	- .4	- .5
Local government education	257.1	251.7	256.1	2.1	.4

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
FEBRUARY 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$504.00	$494.39	$453.84	45.0	44.3	43.1	$11.20	$11.16	$10.53
Bituminous coal and lignite mining	602.86	593.60	549.44	43.0	42.4	42.2	14.02	14.00	13.02
CONSTRUCTION	603.44	583.49	553.47	38.0	37.0	36.8	15.88	15.77	15.04
General building contractors	527.93	507.30	495.16	37.1	35.7	35.7	14.23	14.21	13.87
Heavy construction contractors	553.91	552.79	551.00	37.3	37.3	38.0	14.95	14.82	14.50
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	450.63	458.02	465.15	36.4	36.7	36.8	12.38	12.48	12.64
Communication, electric, gas services	485.60	488.40	441.14	40.5	40.7	39.6	11.99	12.00	11.14
Communication	494.10	492.07	439.43	40.7	40.6	39.2	12.14	12.12	11.21
Electric, gas, and sanitary services	474.33	483.07	443.11	40.3	40.8	40.1	11.77	11.84	11.05
WHOLESALE TRADE	335.75	336.20	318.78	39.5	39.6	38.5	8.50	8.49	8.28
Wholesale trade-durable goods	331.23	331.67	311.92	40.1	40.3	38.7	8.26	8.23	8.06
Motor vehicles & automotive equipment	274.70	269.43	270.11	38.8	38.6	36.9	7.08	6.98	7.32
Electrical goods	277.02	277.40	258.86	38.0	38.0	37.3	7.29	7.30	6.94
Machinery, equipment, and supplies	376.16	374.10	347.11	41.2	41.2	39.4	9.13	9.08	8.81
Wholesale trade-nondurable goods	342.14	345.08	330.71	38.4	38.6	38.1	8.91	8.94	8.68
Groceries and related products	363.69	372.45	360.77	40.5	41.2	40.4	8.98	9.04	8.93
RETAIL TRADE[f]	158.69	157.85	153.36	28.8	28.7	28.4	5.51	5.50	5.40
General merchandise stores	158.89	160.73	153.46	29.1	29.6	28.9	5.46	5.43	5.31
Department stores	161.51	163.65	156.06	29.1	29.7	28.9	5.55	5.51	5.40
Food stores	212.31	212.61	222.88	30.2	30.2	30.7	7.03	7.04	7.26
Automotive dealers & service stations	214.32	214.76	196.97	35.9	36.4	35.3	5.97	5.90	5.58
Apparel and accessory stores	112.90	113.70	110.24	25.2	25.1	25.4	4.48	4.53	4.34
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	222.38	221.59	213.60	....	....	....	....	....	....
Credit agencies other than banks	217.03	215.00	212.12	....	....	....	....	....	....
Insurance carriers	295.10	292.48	284.98	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	285.94	286.79	276.46	33.6	33.7	34.3	8.51	8.51	8.06
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	245.1	243.2	238.5	.8	2.8
MANUFACTURING	66.5	66.1	64.0	.6	3.9
Durable Goods[e]	33.9	33.7	31.9	.8	6.4
Stone, clay, and glass products	1.4	1.4	1.4	- 1.6	- 2.9
Fabricated metal products	12.8	12.7	12.4	1.2	3.7
Machinery, except electrical	8.6	8.6	8.1	- .8	6.2
Special industry machinery	1.3	1.4	1.4	- 2.6	- 4.3
Nondurable Goods[f]	32.5	32.4	32.1	.3	1.4
Food and kindred products	2.7	2.7	2.6	- .9	4.0
Chemicals and allied products	3.0	2.9	3.2	3.5	- 7.1
Rubber and misc. plastics products	21.7	21.6	21.3	.2	1.5
Tires and inner tubes	15.4	15.3	15.6	.0	- 1.8
NONMANUFACTURING[g]	178.7	177.1	174.5	.9	2.4
CONSTRUCTION	5.5	5.6	5.0	- 1.4	11.0
TRANSPORTATION AND PUBLIC UTILITIES	12.1	12.1	12.4	.1	- 2.3
Communication, electric, gas services	5.3	5.3	5.5	- .3	- 3.3
WHOLESALE TRADE	11.7	11.7	11.5	- .3	1.3
RETAIL TRADE	43.7	44.3	42.9	- 1.3	1.8
FINANCE, INSURANCE, AND REAL ESTATE	9.4	9.4	9.1	- .1	3.4
SERVICES	52.9	52.6	50.6	.5	4.6
GOVERNMENT	42.7	40.7	42.4	4.9	.7
State government (includes education)	14.5	12.6	14.2	14.6	1.5
Local government (includes education)	26.2	26.0	26.1	.6	.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$474.32	$472.80	$433.93	44.0	43.9	42.5	$10.78	$10.77	$10.21
Durable Goods[d]	500.19	496.62	439.62	44.7	44.5	43.1	11.19	11.16	10.20
Stone, clay, and glass products	402.12	396.20	385.63	41.8	41.4	41.2	9.62	9.57	9.36
Fabricated metal products	615.26	620.57	467.93	46.4	46.8	42.5	13.26	13.26	11.01
Machinery, except electrical	425.90	405.72	428.40	45.6	44.1	45.0	9.34	9.20	9.52
Special industry machinery	438.95	417.53	376.51	44.7	43.0	39.8	9.82	9.71	9.46
Nondurable Goods[e]	435.86	439.19	426.78	42.9	43.1	41.8	10.16	10.19	10.21
Food and kindred products	432.58	458.55	421.02	43.0	45.0	42.7	10.06	10.19	9.86
Chemicals and allied products	466.32	454.11	455.26	43.5	42.8	41.5	10.72	10.61	10.97
Rubber and misc. plastics products	459.19	461.12	437.57	43.9	44.0	42.4	10.46	10.48	10.32
Tires and inner tubes	614.46	614.46	563.27	46.2	46.2	43.8	13.30	13.30	12.86
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	564.71	566.64	536.85	35.9	36.0	36.2	15.73	15.74	14.83
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	502.25	501.02	448.15	40.8	40.7	39.8	12.31	12.31	11.26
WHOLESALE TRADE	313.23	302.64	293.61	39.8	39.0	39.2	7.87	7.76	7.49
RETAIL TRADE[f]	176.12	172.57	170.82	29.6	29.2	29.1	5.95	5.91	5.87
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	143.8	143.3	139.2	.4	3.3
MANUFACTURING	45.0	44.7	42.2	.6	6.6
Durable Goods[e]	34.1	33.8	31.9	.9	7.0
Stone, clay, and glass products	1.6	1.6	1.7	- 1.9	- 5.9
Primary metal industries	11.0	10.9	9.2	1.5	19.5
Fabricated metal products	7.5	7.6	7.5	- 1.6	- .3
Fabricated structural metal products	1.9	1.9	2.1	.8	- 11.1
Metal forgings and stampings	2.3	2.3	2.1	- 3.1	6.0
Nondurable Goods[f]	10.9	10.9	10.4	- .3	5.2
Food and kindred products	3.7	3.8	3.7	- 1.7	- .7
Rubber and misc. plastics products	2.8	2.8	2.3	.7	19.1
NONMANUFACTURING[g]	98.8	98.6	97.0	.3	1.9
CONSTRUCTION	3.6	3.6	3.0	- .9	19.0
TRANSPORTATION AND PUBLIC UTILITIES	5.6	5.7	5.9	- .9	- 4.4
Communication, electric, gas services	2.7	2.7	2.9	- .2	- 6.1
WHOLESALE TRADE	7.3	7.3	7.0	- .3	3.9
RETAIL TRADE	24.8	25.1	24.7	- 1.0	.5
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.5	6.4	.0	2.4
SERVICES	30.9	30.6	30.2	.9	2.2
GOVERNMENT	18.7	18.4	18.6	1.7	.2
Local government (includes education)	15.9	15.6	15.8	1.9	.7

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$440.37	$438.34	$409.93	40.7	40.4	38.6	$10.82	$10.85	$10.62
Durable Goods[d]	454.01	450.32	423.89	40.5	40.1	38.6	11.21	11.23	10.98
Stone, clay, and glass products	281.24	279.79	270.40	39.5	40.2	40.0	7.12	6.96	6.76
Primary metal industries	474.02	470.84	473.35	39.8	39.5	36.3	11.91	11.92	13.04
Fabricated metal products	530.33	519.50	465.12	41.4	41.1	40.8	12.81	12.64	11.40
Fabricated structural metal products	477.22	481.23	424.40	42.8	42.7	40.0	11.15	11.27	10.61
Metal forgings and stampings	666.62	640.79	547.04	44.8	43.8	41.1	14.88	14.63	13.31
Nondurable Goods[e]	396.48	403.52	367.05	41.3	41.6	38.8	9.60	9.70	9.46
Food and kindred products	414.24	407.88	415.72	41.8	41.2	38.6	9.91	9.90	10.77
Rubber and misc. plastics products	460.36	477.97	378.36	45.4	45.7	41.9	10.14	10.24	9.03
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	561.24	553.21	508.53	36.0	36.3	34.5	15.59	15.24	14.74
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	490.84	491.56	452.73	40.7	41.1	40.1	12.06	11.96	11.29
WHOLESALE TRADE	316.11	314.39	299.01	36.8	36.9	36.2	8.59	8.52	8.26
RETAIL TRADE[f]	158.01	157.14	152.11	29.1	29.1	28.7	5.43	5.40	5.30
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	571.9	573.1	557.6	- .2	2.6
MANUFACTURING	143.2	143.2	137.5	.0	4.2
Durable Goods[e]	78.1	78.0	74.4	.2	4.9
Furniture and fixtures	2.1	2.1	2.0	- 4.5	2.9
Primary metal industries	2.0	1.9	1.6	.7	19.8
Fabricated metal products	12.5	12.5	11.7	- .2	6.9
Fabricated structural metal products	3.7	3.8	3.6	- 3.8	.4
Machinery, except electrical	18.8	18.6	18.8	1.2	.1
Metalworking machinery	7.8	7.8	8.2	1.2	- 4.5
General industrial machinery	3.4	3.4	3.4	.5	.4
Electric and electronic equipment	8.3	8.2	7.8	1.4	5.7
Transportation equipment	25.1	25.5	23.3	- 1.3	7.8
Motor vehicles and equipment	10.3	10.5	8.8	- 2.3	16.0
Nondurable Goods[f]	65.1	65.2	63.1	- .2	3.2
Food and kindred products	14.1	14.3	13.8	- 1.1	2.5
Meat products	2.3	2.3	1.6[h]	- .9	39.5
Bakery products	2.5	2.4	2.3	4.4	8.7
Beverages	4.0	4.1	4.1	- 4.2	- 4.0
Apparel and other textile products	3.7	3.9	3.6	- 3.3	4.9
Paper and allied products	6.0	5.9	5.5	.3	8.0
Printing and publishing	11.7	11.7	11.5	.2	1.6
Chemicals and allied products	21.5	21.6	21.3	- .4	1.1
Rubber and misc. plastics products	4.9	4.8	4.2	1.7	17.6
NONMANUFACTURING[g]	428.6	429.9	420.1	- .3	2.0
CONSTRUCTION	18.0	18.9	16.6	- 4.8	8.5
TRANSPORTATION AND PUBLIC UTILITIES	30.4	30.6	30.6	- .7	- .6
Communication, electric, gas services	14.2	14.5	14.5	- 1.8	- 2.0
WHOLESALE TRADE	35.8	35.9	35.4	- .5	1.0
RETAIL TRADE	99.9	102.0	99.6	- 2.0	.4
FINANCE, INSURANCE, AND REAL ESTATE	32.9	32.9	32.2	.0	2.3
Banking	7.3	7.3	7.3	.1	.3
Insurance carriers	11.3	11.3	11.3	.1	.4
SERVICES	129.7	128.8	123.6	.7	4.9
GOVERNMENT	81.5	80.3	81.9	1.5	- .4
Federal government	13.1	12.8	12.5	2.1	5.0
State government (includes education)	17.8	17.7	19.5	.7	- 8.7
Local government	50.6	49.8	49.9	1.6	1.5
Local government, except education	21.1	21.0	21.1	.1	- .2
Local government education	29.5	28.8	28.8	2.7	2.7

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$431.39	$433.26	$401.17	41.6	41.7	40.4	$10.37	$10.39	$ 9.93
Durable Goods[d]	418.37	421.67	389.94	41.3	41.3	40.2	10.13	10.21	9.70
Furniture and fixtures	344.04	320.32	296.83	41.5	39.4	38.6	8.29	8.13	7.69
Primary metal industries	454.65	467.93	392.27	39.5	40.2	37.9	11.51	11.64	10.35
Fabricated metal products	383.23	381.77	377.87	40.9	40.7	41.8	9.37	9.38	9.04
Fabricated structural metal products	378.56	373.51	333.33	41.6	41.0	40.7	9.10	9.11	8.19
Machinery, except electrical	396.68	391.04	345.20	41.8	41.6	38.7	9.49	9.40	8.92
Metalworking machinery	449.28	422.34	376.62	41.6	40.3	37.4	10.80	10.48	10.07
General industrial machinery	353.05	352.87	325.88	41.1	40.7	39.5	8.59	8.67	8.25
Electric and electronic equipment	323.38	324.16	301.46	41.3	41.4	39.1	7.83	7.83	7.71
Transportation equipment	558.27	573.33	534.94	41.6	42.5	41.5	13.42	13.49	12.89
Motor vehicles and equipment	617.70	632.88	589.64	42.6	43.2	41.7	14.50	14.65	14.14
Nondurable Goods[e]	447.52	445.42	414.73	42.1	42.1	40.7	10.63	10.58	10.19
Food and kindred products	486.78	494.50	462.56	42.0	43.0	41.3	11.59	11.50	11.20
Meat products	393.82	410.18	369.24	40.6	42.2	36.2	9.70	9.72	10.20
Bakery products	456.92	500.57	415.33	41.5	45.3	41.0	11.01	11.05	10.13
Beverages	459.95	456.62	423.32	41.7	41.7	40.9	11.03	10.95	10.35
Apparel and other textile products	228.91	210.27	213.24	37.1	35.7	35.6	6.17	5.89	5.99
Paper and allied products	407.44	398.07	363.49	44.0	43.6	41.4	9.26	9.13	8.78
Printing and publishing	466.09	445.12	404.04	42.8	41.6	39.0	10.89	10.70	10.36
Chemicals and allied products	505.41	512.36	474.12	41.4	42.1	41.3	12.21	12.17	11.48
Rubber and misc. plastics products	366.75	367.84	345.58	45.0	45.3	43.8	8.15	8.12	7.89
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	541.29	536.19	525.54	37.1	36.6	36.7	14.59	14.65	14.32
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	446.59	456.65	404.83	38.8	39.4	38.3	11.51	11.59	10.57
WHOLESALE TRADE	349.44	350.47	323.71	39.8	40.1	38.4	8.78	8.74	8.43
RETAIL TRADE[f]	169.48	164.93	155.23	30.5	30.6	29.4	5.36	5.39	5.28
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	.....
Banking	226.45	226.77	217.47	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	818.6	819.0	807.8	.0	1.3
MANUFACTURING	211.6	211.6	204.7	.0	3.4
Durable Goods[e]	147.3	147.4	142.2	- .1	3.6
Furniture and fixtures	2.2	2.1	2.0	3.9	13.9
Primary metal industries	25.5	25.5	23.3	.1	9.7
Blast furnace and basic steel products	12.5	12.5	11.8	.0	6.5
Iron and steel foundries	6.2	6.2	5.6	.1	10.9
Nonferrous foundries	2.7	2.7	2.5	- .8	10.1
Fabricated metal products	31.8	32.2	30.9	- 1.0	2.9
Fabricated structural metal products	3.7	3.7	3.4	.4	8.0
Screw machine products, bolts, etc.	4.3	4.3	4.2	- 1.7	.4
Metal forgings and stampings	10.8	11.2	11.0	- 2.9	- 1.7
Machinery, except electrical	31.5	31.4	30.3	.4	4.1
Construction and related machinery	5.0	5.2	4.8[h]	- 3.3	3.2
Metalworking machinery	10.3	10.3	10.2	.6	1.7
Special industry machinery	3.1	2.9	2.8	4.3	7.9
General industrial machinery	2.7	2.8	2.8	- 2.5	- 2.9
Electric and electronic equipment	22.3	22.3	22.5	- .1	- .9
Electrical industrial apparatus	7.5	7.5	7.7	.6	- 2.2
Transportation equipment	20.4	20.4	20.2	- .1	.9
Motor vehicles and equipment	14.2	14.1	13.8	.1	2.4
Instruments and related products	5.8	5.8	5.7	.6	2.2
Nondurable Goods[f]	64.2	64.1	62.4	.2	2.9
Food and kindred products	7.6	7.7	7.5	- 2.0	.4
Bakery products	1.7	1.7	1.7	- 2.6	- .6
Beverages	1.6	1.6	1.6	- 2.6	- 1.1
Apparel and other textile products	5.2	5.1	5.0	1.5	4.0
Paper and allied products	4.9	4.8	4.8	.2	2.1
Printing and publishing	15.1	14.9	14.6	1.0	3.4
Chemicals and allied products	14.3	14.3	14.7	- .1	- 2.5
Industrial inorganic chemicals	3.2	3.2	3.7	.0	- 12.4
Rubber and misc. plastics products	11.4	11.4	10.3	- .1	10.1
NONMANUFACTURING[g]	607.0	607.4	603.2	- .1	.6
CONSTRUCTION	22.3	23.1	20.6	- 3.4	8.1
TRANSPORTATION AND PUBLIC UTILITIES	40.0	40.3	40.2	- .8	- .3
Communication, electric, gas services	19.7	19.8	20.1	- .1	- 2.0
WHOLESALE TRADE	57.1	57.3	57.4	- .4	- .5
RETAIL TRADE	129.8	131.7	129.5	- 1.5	.2
FINANCE, INSURANCE, AND REAL ESTATE	48.4	48.7	48.1	- .8	.6
Banking	13.1	13.3	13.5	- 1.5	- 3.3
Insurance carriers	11.8	11.9	11.9	- .5	- .6
SERVICES	194.6	192.9	190.4	.9	2.2
GOVERNMENT	113.5	112.0	115.9	1.4	- 2.0
Federal government	19.6	19.4	19.2	.6	1.8
State government (includes education)	8.1	8.0	8.1	.8	- .4
Local government	85.9	84.5	88.6	1.6	- 3.0
Local government, except education	43.3	43.4	44.3	- .3	- 2.4
Local government education	42.6	41.1	44.3	3.7	- 3.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$452.38	$448.33	$409.14	42.2	41.9	39.8	$10.72	$10.70	$10.28
Durable Goods[d]	481.23	474.33	432.00	42.7	42.2	40.0	11.27	11.24	10.80
Furniture and fixtures	334.51	332.52	305.76	41.4	40.7	39.1	8.08	8.17	7.82
Primary metal industries	522.88	518.70	493.05	42.1	42.0	39.1	12.42	12.35	12.61
Blast furnace and basic steel products	473.34	473.48	490.70	37.3	37.4	35.1	12.69	12.66	13.98
Iron and steel foundries	706.86	681.29	591.33	47.6	46.6	43.1	14.85	14.62	13.72
Nonferrous foundries	355.74	366.79	368.30	42.0	42.6	41.9	8.47	8.61	8.79
Fabricated metal products	456.67	449.40	422.34	42.6	42.0	40.3	10.72	10.70	10.48
Fabricated structural metal products	335.09	323.02	324.24	39.1	38.5	38.6	8.57	8.39	8.40
Screw machine products, bolts, etc.	477.74	480.02	367.77	46.7	46.2	39.0	10.23	10.39	9.43
Metal forgings and stampings	569.30	552.12	529.61	44.2	43.0	41.8	12.88	12.84	12.67
Machinery, except electrical	497.25	477.73	406.90	44.2	43.0	39.2	11.25	11.11	10.38
Construction and related machinery	507.14	494.94	412.41	40.8	39.5	36.4	12.43	12.53	11.33
Metalworking machinery	430.98	428.70	416.71	41.6	41.5	39.8	10.36	10.33	10.47
Special industry machinery	508.56	509.50	447.10	42.7	42.6	42.1	11.91	11.96	10.62
General industrial machinery	423.44	412.98	365.77	42.6	41.8	37.4	9.94	9.88	9.78
Electric and electronic equipment	412.41	398.34	358.98	41.7	40.4	38.6	9.89	9.86	9.30
Electrical industrial apparatus	409.46	369.74	335.12	40.5	36.9	34.8	10.11	10.02	9.63
Transportation equipment	594.52	595.86	536.16	44.4	44.5	43.1	13.39	13.39	12.44
Motor vehicles and equipment	631.35	635.11	568.54	45.0	45.3	43.4	14.03	14.02	13.10
Instruments and related products	370.39	376.55	345.91	41.2	41.7	40.6	8.99	9.03	8.52
Nondurable Goods[e]	375.77	379.35	349.66	40.8	41.1	39.2	9.21	9.23	8.92
Food and kindred products	381.50	387.73	364.97	40.2	40.9	39.8	9.49	9.48	9.17
Bakery products	424.58	424.54	369.20	42.5	43.1	38.7	9.99	9.85	9.54
Beverages	337.90	342.50	317.15	39.8	40.2	39.3	8.49	8.52	8.07
Apparel and other textile products	281.71	279.96	255.98	39.4	39.1	37.7	7.15	7.16	6.79
Paper and allied products	412.38	419.96	376.24	43.5	44.3	41.3	9.48	9.48	9.11
Printing and publishing	368.00	375.50	355.85	36.8	37.4	36.2	10.00	10.04	9.83
Chemicals and allied products	476.50	469.52	429.22	43.2	42.8	40.8	11.03	10.97	10.52
Industrial inorganic chemicals	525.26	505.98	432.95	42.6	42.2	40.2	12.33	11.99	10.77
Rubber and misc. plastics products	344.54	348.25	321.07	42.8	43.1	40.9	8.05	8.08	7.85
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	791.86	730.22	637.69	41.2	38.8	37.8	19.22	18.82	16.87
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	518.61	522.79	467.68	40.9	41.1	39.6	12.68	12.72	11.81
WHOLESALE TRADE	342.81	355.11	334.93	39.0	39.9	38.9	8.79	8.90	8.61
RETAIL TRADE[f]	168.88	168.88	165.79	28.1	28.1	28.1	6.01	6.01	5.90
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	251.13	248.01	243.21	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	504.5	503.8	485.1	.1	4.0
MANUFACTURING	86.9	86.2	81.9	.8	6.0
Durable Goods[e]	56.1	55.5	51.1	1.2	9.7
Stone, clay, and glass products	9.3	9.1	8.9	2.7	4.4
Fabricated metal products	10.0	9.9	8.8	1.4	13.6
Machinery, except electrical	9.8	9.7	8.8	.8	10.6
Electric and electronic equipment	10.1	10.0	9.8	.7	2.9
Transportation equipment	8.8	8.8	7.2	.4	23.4
Nondurable Goods[f]	30.8	30.7	30.8	.0	- .1
Food and kindred products	9.8	9.7	9.7	.6	.5
Printing and publishing	8.0	8.1	8.2	- .7	- 2.3
Chemicals and allied products	6.2	6.1	6.0	.7	2.2
Rubber and misc. plastics products	2.7	2.7	2.6	- 1.9	3.7
NONMANUFACTURING[g]	417.6	417.6	403.1	.0	3.6
CONSTRUCTION	13.7	14.0	12.5	- 2.3	8.9
TRANSPORTATION AND PUBLIC UTILITIES	22.8	22.7	22.2	.8	2.7
Communication, electric, gas services	11.3	11.3	10.9	- .1	3.3
WHOLESALE TRADE	27.5	27.4	26.7	.3	2.8
RETAIL TRADE	93.6	95.1	88.4	- 1.6	5.8
FINANCE, INSURANCE, AND REAL ESTATE	44.4	44.4	41.9	.0	6.0
Banking	8.8	8.8	8.5	- .4	3.7
Insurance carriers	18.1	18.1	17.9	.1	1.0
SERVICES	113.4	112.7	108.8	.6	4.2
GOVERNMENT	101.9	100.9	102.0	1.0	- .2
Federal government	11.3	11.3	11.2	.2	1.5
State government	47.5	46.6	49.1	2.0	- 3.1
State government, except education	27.6	27.6	28.5	.1	- 3.2
State government education[i]	19.9	19.0	20.5	4.8	- 3.0
Local government	43.0	42.9	41.8	.1	2.8
Local government, except education	17.0	17.2	16.9	- 1.2	.9
Local government education	26.0	25.7	24.9	1.0	4.1

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$412.27	$425.60	$388.00	40.3	41.2	40.0	$10.23	$10.33	$ 9.70
Durable Goods[d]	426.87	447.02	406.42	40.5	41.7	40.2	10.54	10.72	10.11
Stone, clay, and glass products	375.97	383.96	369.21	38.8	39.3	39.7	9.69	9.77	9.30
Fabricated metal products	522.08	556.37	478.58	41.6	43.5	40.8	12.55	12.79	11.73
Machinery, except electrical	399.23	429.46	387.06	41.5	43.6	40.7	9.62	9.85	9.51
Electric and electronic equipment	410.26	408.84	393.05	40.7	40.6	41.2	10.08	10.07	9.54
Transportation equipment	503.36	550.29	508.03	41.6	44.2	43.2	12.10	12.45	11.76
Nondurable Goods[e]	390.25	378.54	352.04	39.9	40.1	39.6	9.53	9.44	8.89
Food and kindred products	357.69	355.02	349.57	40.1	39.8	40.6	8.92	8.92	8.61
Printing and publishing	438.38	433.80	417.34	37.5	37.3	38.5	11.69	11.63	10.84
Chemicals and allied products	452.09	454.68	402.05	41.4	42.1	40.9	10.92	10.80	9.83
Rubber and misc. plastics products	292.64	304.30	282.35	39.6	40.9	39.6	7.39	7.44	7.13
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	473.06	484.53	478.66	36.7	37.3	36.4	12.89	12.99	13.15
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	503.82	506.72	460.20	40.5	40.7	39.3	12.44	12.45	11.71
WHOLESALE TRADE	287.90	290.86	308.80	38.8	39.2	38.6	7.42	7.42	8.00
RETAIL TRADE[f]	158.19	159.32	154.73	28.4	28.4	28.6	5.57	5.61	5.41
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	241.30	237.14	231.63	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	339.4	339.3	327.6	.0	3.6
MANUFACTURING	90.8	90.4	83.2	.4	9.1
Durable Goods[e]	63.1	62.7	57.8	.7	9.2
Stone, clay, and glass products	2.0	2.0	1.7	- .4	20.2
Fabricated metal products	6.9	6.8	6.2	1.5	11.1
Machinery, except electrical	29.6	29.5	27.5	.2	7.7
Metalworking machinery	6.5	6.5	6.2	- 1.0	3.9
Electric and electronic equipment	5.0	4.9	4.7	1.2	5.3
Electrical industrial apparatus	2.9	2.9	2.8	1.3	4.4
Transportation equipment	13.6	13.5	12.4	.2	9.3
Nondurable Goods[f]	27.7	27.8	25.4	- .4	8.8
Food and kindred products	2.9	3.0	2.8	- 3.7	3.8
Paper and allied products	5.6	5.6	5.2	.1	7.4
Printing and publishing	7.3	7.3	7.0	- .2	3.8
Rubber and misc. plastics products	8.4	8.4	7.2	.1	17.3
NONMANUFACTURING[g]	248.6	248.9	244.4	- .1	1.7
CONSTRUCTION	7.9	8.3	7.3	- 4.5	7.9
TRANSPORTATION AND PUBLIC UTILITIES	12.5	12.6	12.5	- .3	.1
Communication, electric, gas services	5.7	5.7	6.3	- .6	- 9.1
WHOLESALE TRADE	16.6	16.6	16.2	- .2	2.2
RETAIL TRADE	53.3	54.3	52.6	- 2.0	1.2
FINANCE, INSURANCE, AND REAL ESTATE	13.8	13.8	13.4	.1	3.1
SERVICES	77.3	76.5	74.8	1.1	3.4
GOVERNMENT	67.0	66.7	67.3	.5	- .5
Federal government	26.2	26.2	25.8	.0	1.6
State government (includes education)	5.9	5.8	5.9	3.1	1.3
Local government	34.8	34.7	35.7	.5	- 2.3
Local government, except education	12.8	12.8	12.8	- .1	.0
Local government education	22.0	21.8	22.8	.9	- 3.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$477.12	$478.22	$411.25	43.1	43.2	40.2	$11.07	$11.07	$10.23
Durable Goods[d]	482.85	486.18	410.66	43.5	43.8	40.3	11.10	11.10	10.19
Stone, clay, and glass products	373.97	378.14	343.09	39.2	40.1	40.4	9.54	9.43	9.73
Fabricated metal products	380.22	381.67	323.79	43.6	42.3	39.2	8.95	8.55	8.26
Machinery, except electrical	518.97	522.26	427.76	44.7	45.1	40.7	11.61	11.58	10.51
Metalworking machinery	504.04	515.90	443.50	46.2	47.2	42.4	10.91	10.93	10.46
Electric and electronic equipment	330.86	326.84	307.63	41.1	40.5	39.9	8.05	8.07	7.71
Electrical industrial apparatus	361.50	347.73	329.54	41.6	40.2	39.8	8.69	8.65	8.28
Transportation equipment	602.80	608.72	505.06	44.0	44.4	40.6	13.70	13.71	12.44
Nondurable Goods[e]	463.10	461.16	413.89	42.1	42.0	40.1	11.00	10.98	10.32
Food and kindred products	387.47	369.26	383.96	42.3	40.4	39.3	9.16	9.14	9.77
Paper and allied products	406.94	406.94	362.30	43.2	43.2	41.5	9.42	9.42	8.73
Printing and publishing	400.03	419.52	358.60	36.7	38.0	35.4	10.90	11.04	10.13
Rubber and misc. plastics products	594.52	586.97	531.30	44.6	44.1	42.0	13.33	13.31	12.65
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	508.14	527.80	517.16	36.4	37.3	36.6	13.96	14.15	14.13
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	498.16	496.54	450.34	40.6	40.6	39.4	12.27	12.23	11.43
WHOLESALE TRADE	341.55	347.34	321.58	41.4	42.0	40.4	8.25	8.27	7.96
RETAIL TRADE[f]	156.10	154.73	148.86	28.8	28.6	28.3	5.42	5.41	5.26
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	285.7	284.3	272.6	.5	4.8
MANUFACTURING	75.6	74.6	65.4	1.3	15.6
Durable Goods[e]	59.0	58.2	50.6[h]	1.3	16.6
Stone, clay, and glass products	11.5	11.3	11.2	1.8	3.1
Primary metal industries	3.9	3.9	3.5	- 1.0	10.9
Fabricated metal products	8.4	8.4	7.2	.3	16.8
Metal forgings and stampings	4.1	4.2	3.3	- 2.5	23.0
Machinery, except electrical	6.3	6.2	6.3	1.4	.8
General industrial machinery	1.6	1.6	1.7[h]	.3	- 5.8
Transportation equipment	20.9	20.6	16.3	1.5	28.3
Motor vehicles and equipment	19.7	19.4	15.1	1.5	30.4
Nondurable Goods[f]	16.6	16.4	14.8	1.4	12.4
Food and kindred products	4.0	3.9	3.7	2.1	8.0
Rubber and misc. plastics products	4.3	4.2	3.0	3.1	43.3
NONMANUFACTURING[g]	210.1	209.7	207.3	.2	1.4
CONSTRUCTION	8.3	8.6	8.8	- 3.7	- 6.2
TRANSPORTATION AND PUBLIC UTILITIES	17.1	16.8	16.9	1.8	1.0
Communication, electric, gas services	7.5	7.5	7.9	- .1	- 4.4
WHOLESALE TRADE	14.2	14.2	14.0	- .3	1.4
RETAIL TRADE	47.4	48.4	47.5	- 2.1	- .3
FINANCE, INSURANCE, AND REAL ESTATE	10.8	10.8	10.4	.2	4.0
SERVICES	64.3	64.2	62.2	.3	3.3
GOVERNMENT	47.8	46.5	47.1	2.8	1.5
State government (includes education)	14.9	13.7	15.0	8.3	- .9
Local government	30.2	30.1	29.4	.5	2.9
Local government, except education	11.9	11.9	11.2	- .5	5.8
Local government education	18.3	18.1	18.1	1.2	1.1

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$500.53	$492.20	$462.59	43.6	43.1	41.6	$11.48	$11.42	$11.12
Durable Goods[d]	523.73	511.49	478.61	43.9	43.2	41.8	11.93	11.84	11.45
Stone, clay, and glass products	527.77	524.21	467.29	44.5	44.2	41.5	11.86	11.86	11.26
Primary metal industries	517.47	492.35	431.17	47.0	44.8	41.3	11.01	10.99	10.44
Fabricated metal products	466.52	461.25	455.38	42.8	42.2	42.4	10.90	10.93	10.74
Metal forgings and stampings	487.21	502.02	511.34	41.5	42.4	42.4	11.74	11.84	12.06
Machinery, except electrical	458.15	468.29	400.42	43.1	43.4	38.8	10.63	10.79	10.32
General industrial machinery	479.10	482.04	413.40	42.1	41.2	36.2	11.38	11.70	11.42
Transportation equipment	598.09	575.96	566.35	44.6	43.6	43.2	13.41	13.21	13.11
Motor vehicles and equipment	594.96	572.45	565.47	44.4	43.4	43.1	13.40	13.19	13.12
Nondurable Goods[e]	411.28	420.42	409.18	42.4	42.9	41.0	9.70	9.80	9.98
Food and kindred products	449.86	451.35	428.64	42.4	42.5	41.9	10.61	10.62	10.23
Rubber and misc. plastics products	343.63	357.72	345.47	42.9	44.0	40.5	8.01	8.13	8.53
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	661.23	633.91	630.18	39.5	37.8	37.6	16.74	16.77	16.76
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	509.23	521.66	462.80	41.2	41.6	40.0	12.36	12.54	11.57
WHOLESALE TRADE	338.69	326.13	332.61	38.4	37.4	38.1	8.82	8.72	8.73
RETAIL TRADE[f]	159.90	159.90	155.68	28.3	28.3	28.0	5.65	5.65	5.56
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	178.6	178.4	169.4	.1	5.5
MANUFACTURING	55.8	55.8	48.8	.0	14.2
Durable Goods[e]	50.6	50.7	44.1	- .1	14.8
Stone, clay, and glass products	1.6	1.7	1.6	- 4.6	4.3
Primary metal industries	23.9	23.9	21.0	.0	13.7
Blast furnace and basic steel products	9.7	9.6	8.3	1.1	18.0
Fabricated metal products	8.3	8.3	7.3	.3	14.5
Fabricated structural metal products	1.9	1.9	1.9	1.5	.6
Machinery, except electrical	3.7	3.7	4.1	.8	- 10.0
Metalworking machinery	1.5	1.6	2.1	- .8	- 25.8
Electric and electronic equipment	2.6	2.6	2.6	- .7	- .7
Transportation equipment	8.9	8.9	6.1	- .1	46.7
Nondurable Goods[f]	5.1	5.1	4.7	.6	8.3
NONMANUFACTURING[g]	122.9	122.6	120.5	.2	1.9
CONSTRUCTION	4.2	4.3	3.4	- 2.3	23.8
TRANSPORTATION AND PUBLIC UTILITIES	7.2	7.2	7.3	.3	- .9
Communication, electric, gas services	3.1	3.1	3.2	- .1	- 4.0
WHOLESALE TRADE	7.7	7.7	7.3	- .2	4.6
RETAIL TRADE	32.5	32.9	32.5	- 1.4	- .1
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.2	7.0	.2	3.0
SERVICES	39.0	38.8	37.6	.5	3.5
GOVERNMENT	24.9	23.9	24.7	2.7	- .8
Local government (includes education)	18.7	18.5	18.9	1.2	- .7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$560.16	$576.18	$496.13	43.9	44.7	40.6	$12.76	$12.89	$12.22
Durable Goods[d]	576.81	593.97	510.84	44.2	45.1	40.9	13.05	13.17	12.49
Stone, clay, and glass products	382.14	376.53	317.99	39.6	39.1	36.3	9.65	9.63	8.76
Primary metal industries	564.21	557.76	517.68	42.2	42.0	39.1	13.37	13.28	13.24
Blast furnace and basic steel products	542.82	518.98	513.97	41.5	40.2	36.4	13.08	12.91	14.12
Fabricated metal products	669.75	658.00	531.01	47.5	46.7	41.1	14.10	14.09	12.92
Fabricated structural metal products	418.57	415.64	373.16	39.6	38.7	36.3	10.57	10.74	10.28
Machinery, except electrical	453.94	468.47	451.14	39.2	39.4	38.2	11.58	11.89	11.81
Metalworking machinery	450.47	482.70	459.42	39.9	40.7	39.2	11.29	11.86	11.72
Electric and electronic equipment	428.03	407.84	405.46	41.8	40.5	41.8	10.24	10.07	9.70
Transportation equipment	669.61	789.21	630.34	49.2	55.5	49.4	13.61	14.22	12.76
Nondurable Goods[e]	353.12	360.19	343.52	39.9	40.2	38.0	8.85	8.96	9.04
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	477.54	518.58	531.72	31.5	33.2	36.0	15.16	15.62	14.77
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	496.54	493.69	451.13	40.7	40.7	40.1	12.20	12.13	11.25
WHOLESALE TRADE	337.79	333.66	297.16	36.4	35.8	34.0	9.28	9.32	8.74
RETAIL TRADE[f]	168.78	169.65	155.39	29.1	29.2	28.1	5.80	5.81	5.53
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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